

Work Order ID 134045 - 1

Thursday, June 25, 2015 12:35:34 PM

134045

~~0 stock~~
Ship Aug 12th
Page 1

Item ID: D412-702-021

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 6/25/2015 Start Qty: 2.00

2

Split 1

Cust Item ID:

Required Date: 6/25/2015 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MLJ Date: JUN 25 2015 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI9559	A
IIN-D412-702-1	A

DAB
27
9-89

100 Document Control 0.00

100

DC

Doc.Control -USB or Paperwork

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile and create labels per PPP D412-702-021 CHG003

D

DAB
38
9-89

15-08-03

110 Pick Kit 0.00

110

Packaging

Packaging

Pick Kit

Memo

0.00

DAB
27
9-89

2 AUG 05 2015

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134045

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Item ID: D412-702-021

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Shoulder Harness,4 Point Attachment,13 Man Configuration

Stop ***NS2***Start Date: 6/25/2015 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 6/25/2015 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC4- 100% Inspect kits for completeness	0.00							DAS 38 9-89
120									
QC	Memo	0.00							
Quality Control									15-08-13
130	Packaging	0.00							
130									
Packaging	Memo	0.00							DAS 02 9-89
Packaging	Identify and pack for shipping as per PPP D412-702-021 Location: <u>Sold</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									MCS AUG 13 2015

AUG 13 2015

MCS AUG 13 2015

MCS AUG 13 2015

Picklist Print

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Work Order ID: 134045

134045

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:B Removed Manufacturing 05-11-08 JLM
 IPP Rev:C06.04.03As per DSI9324 JLM
 IPP rev D 06.12.14 per ecn 871 EC
 IPP Rev:E 07-03-14 As per DSI 9351 JLM
 IPP Rev:F 07-07-28 As per Rev E JLM Verified By:ec IPP Rev.G
 11.05.31 DSI 9559 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-13A		Purchased	No			120	Each	688.0000	4	8			DAS 27 9-89
AN4-13A													DAS 02 9-89

Location	Loc Qty	Loc Code
FG	20	
122808	20	
ST325A	644	
m131957	199	
m132317	145	
m132551	300	
ST344	24	
131677	24	

AN4-20A		Purchased	No			120	Each	24.0000	8	16			DAS 27 9-89
AN4-20A													DAS 02 9-89

Location	Loc Qty	Loc Code
GA	24	
116419	24	

m132617 16

AUG 05 2015

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Work Order ID: 134045

134045

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

AN4-5A Purchased No

120 Each

171.0000

4 **8**

AN4-5A

BOLT

DAS
38
9-89

Location

Loc Qty

Loc Code

CA

55

m129682

55

ST345

101

6651

1

m132317

100

ST346

15

106605

1

120562

2

m131800

12

D3195-041 Manufactured No

120 Each

7.0000

2 **4**

D3195-041

Bracket

DAS
38
9-89

Location

Loc Qty

Loc Code

ST025

7

118941

2

133451

5

D3195-043 Manufactured No

120 Each

8.0000

2 **4**

D3195-043

Bracket

DAS
38
9-89

Location

Loc Qty

Loc Code

ST025

8

118939

3

133450

5

DAS
02
9-89

DAS
02
9-89

DAS
02
9-89

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Work Order ID: 134045

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Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

D3196-1 Manufactured No

120 Each

3.0000

D3196-1

Bar

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST256

3

119624

3

D3196-3 Manufactured No

120 Each

8.0000

D3196-3

Bar

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST256

8

105278

1

118832

3

124103

4

D3196-4 Manufactured No

120 Each

7.0000

D3196-4

Bar

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST256

7

119374

3

124176

4

D3197-041 Manufactured No

120 Each

9.0000

D3197-041

Bar

DAS
38
9-89

B134258
B119324

DAS
27
9-89

DAS
02
9-89

D3198-1 Manufactured No

120 Each

14.0000

D3198-1

Fitting

DAS
38
9-89

**

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST025

14

120301

14

AUG 05 2015

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Shop Packet Print

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Work Order ID: 134045

134045

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness, 4 Point Attachment, 13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

D3268-1 Manufactured No

D3268-1 DAS DAS
Placard 38 3
9-89 9

120 Each 13.0000 2 4

**

DAS

68-6

20

DAS

Location

Loc Qty

Loc Code

ST032

13

127993

1

132242

12

120 Each 10.0000 2 4

**

DAS

DAS

27

02

9-89

9-89

Location

Loc Qty

Loc Code

ST051A

10

127598

10

120 Each 37.0000 13 26

**

DAS

DAS

27

02

9-89

9-89

Location

Loc Qty

Loc Code

ST416

37

120143

5

121427

32

120 Each 17.0000 2 26

**

DAS

DAS

27

02

9-89

9-89

Location

Loc Qty

Loc Code

PKg015a

17

118834

6

121269

11

AUG 04 2015

D412-702-069 Manufactured No

D412-702-069 DAS
Grommet 38
9-89

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Work Order ID: 134045

134045

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness,4 Point Attachment,13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

D4387-041 Manufactured No

D4387-041 **DAS**
Harness Assy 38
9-89

8134285

18
** 17

DAS
02
9-89

Location

Loc Qty

Loc Code

ST467

9

121404

9

D4387-043 Manufactured No

D4387-043 **DAS**
Harness Assembly 38
9-89

120

Each

8.0000

4
** 8

DAS
02
9-89

Location

Loc Qty

Loc Code

ST465

8

122284

4

127833

4

B113914
B113914
12
24

MS21042L4 Purchased No

MS21042L4 **DAS**
Locknut 38
9-89

Location

Loc Qty

Loc Code

FP001

10

m124231

10

GA

160

m127813

160

ST260a

3994

m130799

56

m131803

6

m132262

932

m132382

3000

ST305

192

m128300

8

m130388

7

m130922

97

m131618

12

m132123

68

DAS
27
02
9-89
AUG 04 2015

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Work Order ID: 134045

134045

Parent Item: D412-702-021

D412-702-021

Parent Item Name: Shoulder Harness,4 Point Attachment,13 Man Configuration

Start Date: 6/25/2015

Required Date: 6/25/2015

Start Qty: 2.00

Required Qty: 2.00

MS24694-S152

Purchased

No

120

Each

34.0000

8 16

MS24694-S152

DAS

**

Screw

38

9-89

Location

Loc Qty

Loc Code

ST287

34

m130238

34

MS24694-S154

Purchased

No

120

Each

59.0000

8 16

MS24694-S154

DAS

**

Screw

38

9-89

Location

Loc Qty

Loc Code

ST287

59

m129198

9

m131618

50

NAS1149D0463J

Purchased

No

120

Each

3,753.000

20 40

NAS1149D0463J

DAS

**

WASHER

38

9-89

Location

Loc Qty

Loc Code

GA

41

M129390

41

ST260a

407

M132317

407

ST269

3305

9222

24

M129682

86

M130799

371

M132035

2824

DAS
AUG 4 2015
9-89

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		CHG 002 and subsequent
	D412-702-027		CHG 002 and subsequent
	D412-702-029		CHG 002 and subsequent
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.	N/A		
APPROVED			
DE APPR.			
DATE	11.05.09		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. DSI 9559	REV. A SHEET 1 OF 1
TITLE HARNES CHANGE	SCALE NTS
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QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3496-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
1		4				D3498-1	CLIPPING
2	2					D3268-1	PLACARD
5	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4	4					D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
5	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20	20					AN966JD416	WASHER (OR NAS1149D0463J)
12	12					MS21042L4	NUT (OR MS21042-4)
2	2		6	2		MS24694-S152	SCREW
2	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

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	D412-702-023		CHG 002 and subsequent
	D412-702-027		
	D412-702-029		
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent

Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNESS CHANGE	NTS
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